

# **METHOD AND APPARATUS FOR MULTIPATH DEMODULATION IN A CODE DIVISION MULTIPLE ACCESS COMMUNICATION SYSTEM**

## **ABSTRACT**

Multipath RAKE receiver structure that allows for the concurrent demodulation of multipath signals that arrive at the receiver at arbitrarily low arrival time differences. The fingers are set to be a fixed offset from one another. One finger tracks the shift in the peak of the multipath component and the additional fixed offset fingers follow the tracking.